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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Roger Q. SMITH

Serial No. 09/153,621

Filed: September 15, 1998

For: HEAVY-DUTY RADIO

Docket No. P-US-TN-1444

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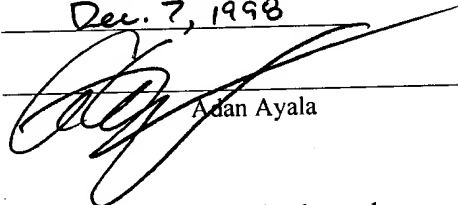
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GROUP 2100

INFORMATION DISCLOSURE STATEMENT

I, Adan Ayala, Reg. No. 38,373, certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington DC 20231 on

Dec. 7, 1998

  
Adan Ayala

The Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

In compliance with 37 CFR §§1.56, 1.97(b) and 1.98, Applicant hereby requests that the documents listed on the attached form PTO-1449 be made of record in the above-identified application. Copies of these documents are enclosed herein.

Pursuant to 37 CFR § 1.98(a)(3), the following is a concise explanation of the different non-English foreign references:

German Patent No. 25 49 356, first published on August 12, 1976, describes an intermediate support for a battery (8) having a reduced dimension. The support is formed

like a sleeve (1) and contains fingers (4) for elastic engagement with an annular groove (10) located adjacent to one end of the battery (8).

German Patent Application P27 52 385.9, which was published on January 11, 1997, describes a housing for a battery powered appliance wherein the battery (7) is inserted into the housing (8) through an opening (2) closed by means of a cover (10). According to the embodiment of Figure 2 elastically deformable fingers or arms (21) are provided on the cover (10) for releasably holding the battery (7).

German Patent No. 40 33 909 was published on July 9, 1992. It relates to a power supply for electric appliances which power supply contains a plurality of rechargeable batteries mechanically and electrically connected and insertable into a recess of the appliance. The batteries (2) are embedded in a body (17) of foam material adapted to the shape of the recess of the appliance wherein the body (17) comprises through holes (19) permitting gassing of the batteries.

German Patent Application P 43 40 007.8, published on June 9, 1994, relates to receiving means for an automobile battery (3). The receiving means (1) including its support (5) are formed as an elastic portion of a damping system incorporating the battery (3) as a vibration mass for counter-acting disturbing vibrations in the automobile. Apparently such a structure is different from the one of interest.

German Utility Model No. 84 04 395, published on July 12, 1984, described a battery adapter comprising a cage (1) with a spacer for compensating different dimensions of different types of batteries. Between the spacer (1a) and a cover plate elastic elements (1c, 1d, 1e, 1f) are provided each for holding a battery of one type within the cage (1). Apparently this arrangement is different from the one of interest in structure and function.

German Patent Application P 27 41 371.4 which was published on March 16, 1976, describes a radio comprising a receiver unit (11) and a speaker unit (12) releasably connected by means of a groove-and-tongue-arrangement (Figure 8). It is possible to remove the speaker unit (12) and insert the receiver unit (11) into a protective enclosure (50) formed similar to a book cover. In the connected state, the rotatable actuator knobs of the receiver unit (11) are still accessible whereas the cover (50) protects the receiver unit (11).

German Patent No. 33 23 624 was first published on January 10, 1985. It discloses a housing for vibration and impact sensitive appliances which housing comprises an inner housing (2) and an outer housing (1) with sealing elements formed by two elastic frames (3, 4) between these housings extending continuously in the area of the front edge and the rearward edge of the inner housing (2). The sealing frames (3, 4) are formed from profiles having three legs (3a, 4a; 3b, 4b; 3c, 4c).

German Patent Application P 39 16 400.4, published on September 13, 1990, describes a cable reel or drum with a radio inserted or incorporated concentrically to the axis of

rotation of the reel or drum. The radio is mounted on four support rollers (2) on which the reel or drum can be rotated without rotating the radio with respect to the reel frame (4). It is stated that in this arrangement the radio is well protected against damages.

German Patent Application P 43 18 011, published on December 1, 1994, relates to a display device for automobiles with a plurality of display and alarm means arranged in a housing with a front frame and a glass element covering the front frame. The dimension of the housing is smaller than the dimension of the recess for receiving the housing. The distance between housing and recess is bridged by an elastic element enclosing the housing and having larger dimensions than the recess so that it is deformed upon insertion of the housing into the recess. As shown in the Figures, the elastic element encloses the upper portion and lateral portions of the housing (2) by means of two elastic cords (13, 14) connected at their ends by an elastic connection portion (15).

German Patent Application P 44 05 391.6, published on September 8, 1994, shows another cable reel or drum with a radio (21) incorporated in the reel (2). As stated in Column 1, lines 19 to 26, the radio is thereby protected against damages.

German Utility Model No. 74 34 554 was published on January 23, 1975 and describes a helmet for motor cyclists in which a radio is incorporated in a vibration protected and sealed way.

German Utility Model No. 77 10 055, published on July 14, 1977, describes a housing or frame arrangement for electrical communication and measuring appliances. The arrangement comprises a container (1 in Figure 1) which is provided with spring elements (3) at its edges or corners which spring elements may consist of rubber.

German Utility Model No. 89 05 589 was published on August 3, 1989 and describes a protective cover for a remote control. The protective cover is formed by a hollow body (11) having inner support projections (16, 16a) engaging with the housing of the remote control so that a free space exists between the housing of the remote control and main portion of the hollow body (11). The hollow body may consist of rubber.

German Utility Model No. 94 04 473 was published on June 23, 1994. It discloses a housing for electronic appliances and a protective device (10). The protective device comprises a profile element (16) of steel coated with a shock-resistant material (11). In the assembled state (10), the protective device covers an opening (22) into which transport means (fork of a fork-lift) can be inserted when the protective device is removed.

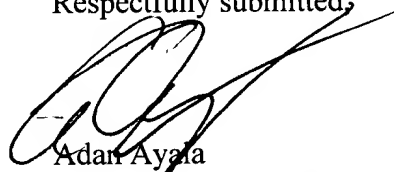
German Utility Model No. 94 13 374 was published on February 1, 1996. As far as can be recognized, it relates to a holding device for radios and the like in automobiles which device comprises a base plate (1), a slider element (3) which can be positioned to partially enclose the radio or the like, and a locking device (4) for locking the slider element (3) in

a position in engagement with the radio. Protective layers (5) are provided to protect the radio against damages.

The Commissioner is further authorized to charge payment of any additional fees due in processing this statement or credit any overpayment to Deposit Account No. 02-2548.

To discuss any aspect of this disclosure statement, or any other aspects of this application, the Examiner should call the undersigned Applicant's representative.

Respectfully submitted,



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